

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 9-17-99 are:

- A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1.	DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
<input type="checkbox"/> Black ink. Color. Color drawings are not acceptable until petition is granted. Fig(s) _____		<input type="checkbox"/> Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
<input type="checkbox"/> Pencil and non black ink not permitted. Fig(s) _____		<input type="checkbox"/> 9. SCALE. 37 CFR 1.84(k)
<input type="checkbox"/> 2. PHOTOGRAPHS. 37 CFR 1.84 (b)		<input type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
<input type="checkbox"/> 1 full-tone set is required. Fig(s) _____		<input type="checkbox"/> 10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(j)
<input type="checkbox"/> Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____		<input type="checkbox"/> Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____
<input type="checkbox"/> Poor quality (half-tone). Fig(s) _____		<input type="checkbox"/> 11. SHADING. 37 CFR 1.84(m)
<input type="checkbox"/> 3. TYPE OF PAPER. 37 CFR 1.84(e)		<input type="checkbox"/> Solid black areas pale. Fig(s) _____
<input type="checkbox"/> Paper not flexible, strong, white, and durable. Fig(s) _____		<input type="checkbox"/> Solid black shading not permitted. Fig(s) _____
<input type="checkbox"/> Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____		<input type="checkbox"/> Shade lines, pale, rough and blurred. Fig(s) _____
<input type="checkbox"/> Mylar, velum paper is not acceptable (too thin). Fig(s) _____		<input type="checkbox"/> 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
<input type="checkbox"/> 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:		<input type="checkbox"/> Numbers and reference characters not plain and legible. Fig(s) _____
<input type="checkbox"/> 21.0 cm by 29.7 cm (DIN size A4)		<input type="checkbox"/> Figure legends are poor. Fig(s) _____
<input type="checkbox"/> 21.6 cm by 27.9 cm (8 1/2 x 11 inches)		<input type="checkbox"/> Numbers and reference characters not oriented in the same direction as the views. 37 CFR 1.84(p)(1). Fig(s) _____
<input type="checkbox"/> All drawing sheets not the same size. Sheet(s) _____		<input type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2). Fig(s) _____
<input type="checkbox"/> Drawings sheets not an acceptable size. Fig(s) _____		<input type="checkbox"/> Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) <u>14-10</u>
<input type="checkbox"/> 5. MARGINS. 37 CFR 1.84(g): Acceptable margins:		<input type="checkbox"/> 13. LEAD LINES. 37 CFR 1.84(q)
Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm		<input type="checkbox"/> Lead lines cross each other. Fig(s) _____
SIZE: A4 Size		<input type="checkbox"/> Lead lines missing. Fig(s) _____
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm		<input type="checkbox"/> 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)
SIZE: 8 1/2 x 11		<input type="checkbox"/> Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____
Margins not acceptable. Fig(s) <u>14-10</u>		<input type="checkbox"/> 15. NUMBERING OF VIEWS. 37 CFR 1.84(u).
<input type="checkbox"/> Top (T)      Left (L) Right (R)      Bottom (B)		<input type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
<input type="checkbox"/> 6. VIEWS. 37 CFR 1.84(h)		<input type="checkbox"/> 16. CORRECTIONS. 37 CFR 1.84(w)
REMINDER: Specification may require revision to correspond to drawing changes.		<input type="checkbox"/> Corrections not made from prior PTO-948 dated _____
Partial views. 37 CFR 1.84(h)(2)		<input type="checkbox"/> 17. DESIGN DRAWINGS. 37 CFR 1.152
<input type="checkbox"/> Brackets needed to show figure as one entity. Fig(s) _____		<input type="checkbox"/> Surface shading shown not appropriate. Fig(s) _____
<input type="checkbox"/> Views not labeled separately or properly. Fig(s) <u>14-10</u>		<input type="checkbox"/> Solid black shading not used for color contrast. Fig(s) _____
<input type="checkbox"/> Enlarged view not labeled separately or properly. Fig(s) _____		
<input type="checkbox"/> 7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)		
<input type="checkbox"/> Hatching not indicated for sectional portions of an object. Fig(s) _____		
<input type="checkbox"/> Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____		

### COMMENTS

REVIEWER JL DATE 3-21-00 TELEPHONE NO. 703 205 8420

ATTACHMENT TO PAPER NO. 10

## **INFORMATION ON HOW TO EFFECT DRAWING CHANGES**

### **1. Correction of Informalities--37 CFR 1.85**

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Processing Branch.

### **2. Timing for Corrections**

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

### **3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948**

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.